UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

48234

7590

07/29/2005

MEREK, BLACKMON & VOORHEES, LLC 673 S. WASHINGTON ST ALEXANDRIA, VA 22314 EXAMINER MASIH, KAREN

PAPER NUMBER

ART UNIT

DATE MAILED: 07/29/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/722,592	11/28/2003	Robert A. Grubba	36932.198949	5671

TITLE OF INVENTION: RADIO-LINKED, BI-DIRECTIONAL CONTROL SYSTEM FOR MODEL ELECTRIC TRAINS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	10/31/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450

Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This for appropriate. All further cornidicated unless corrected b maintenance fee notification	respondence including the selow or directed otherwise	smitting the ISSU Patent, advance or in Block 1, by (a	JE FEE and PUB ders and notificat a) specifying a new	LICATION FEE (if recion of maintenance fees v correspondence address	quired). Blocks 1 through 5 will be mailed to the current ss; and/or (b) indicating a sep	should be completed where correspondence address as arate "FEE ADDRESS" for
CURRENT CORRESPONDENCE	E ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of Fee(s) Transmittal. I papers. Each addition	of mailing can only be used f his certificate cannot be used nal paper, such as an assignm ate of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, musi
48234 75	90 07/29/2005			have its own certific	ate of mailing or transmission.	
MEREK, BLACK 673 S. WASHING ALEXANDRIA, V		ES, LLC		I hereby certify that States Postal Service addressed to the M transmitted to the US	ertificate of Mailing or Tran this Fee(s) Transmittal is bein with sufficient postage for fi ail Stop ISSUE FEE address SPTO (571) 273-2885, on the	smission g deposited with the United st class mail in an envelope above, or being facsimile date indicated below.
						(Depositor's name)
						(Signature)
			•			(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INV	/ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/722,592	11/28/2003		Robert A. Gru	ıbba	36932.198949	5671
TITLE OF INVENTION: RA	ADIO-LINKED, BI-DIREC	TIONAL CONTI	ROL SYSTEM FO	R MODEL ELECTRIC	TRAINS	
						·
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	•	\$300	\$1000	10/31/2005
EXAMINER		ART UN	HT .	CLASS-SUBCL ASS		
MASIH, KAREN		2837	ı	318-268000	_	
1. Change of correspondence CFR 1.363).		,	(1) the names	on the patent front page, of up to 3 registered pat	•	
☐ Change of correspond Address form PTO/SB/12	ence address (or Change of 22) attached.	Correspondence	or agents OR, a	ilternatively, f a single firm (having a	,	
"Fee Address" indicate PTO/SB/47; Rev 03-02 of Number is required.	ion (or "Fee Address" Indica or more recent) attached. Use	ation form e of a Customer	registered attor	ney or agent) and the nation attorneys or agents. will be printed.	mes of up to	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT (pri	nt or type)		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appear of T a substitute for f	on the patent. If an assignment.	gnee is identified below, the	document has been filed for
(A) NAME OF ASSIGNI	BE.	(B	B) RESIDENCE: (0	CITY and STATE OR C	OUNTRY)	
		•				
Please check the appropriate	assignee category or catego	ries (will not be pr	inted on the patent): 🗖 Individual 📮	Corporation or other private gr	oup entity Government
4a. The following fee(s) are	enclosed:	41	. Payment of Fee(s):	-	
☐ Issue Fee			A check in the	amount of the fee(s) is	enclosed.	
	mall entity discount permitte			redit card. Form PTO-20		
Advance Order - # of	Copies		The Director Deposit Account	is hereby authorized by Number	charge the required fee(s), or (enclose an extra	credit any overpayment, to copy of this form).
5. Change in Entity Status	·='	*				
• •	MALL ENTITY status. See				ALL ENTITY status. See 37 (
The Director of the USPTO i NOTE: The Issue Fee and Pu interest as shown by the reco	is requested to apply the Issi ablication Fee (if required) verds of the United States Pate	e Fee and Publica vill not be accepted ent and Trademark	tion Fee (if any) or d from anyone oth Office.	t to re-apply any previouer than the applicant; a re	sly paid issue fee to the applic gistered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature				Date		
Typed or printed name				Registratio	on No	
This collection of informatio an application. Confidentiali	n is required by 37 CFR 1.3 ty is governed by 35 U.S.C.	11. The information 122 and 37 CFR	on is required to ob	tain or retain a benefit b	y the public which is to file (an 2 minutes to complete, includi	d by the USPTO to process

an approximation. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/722,592	11/28/2003	Robert A. Grubba	36932.198949	5671		
48234	48234 7590 07/29/2005			EXAMINER		
MEREK, BLACKMON & VOORHEES, LLC			MASIH, KAREN			
673 S. WASHINGTON ST ALEXANDRIA, VA 22314			ART UNIT	PAPER NUMBER		
,			2837			
			DATE MAILED: 07/29/200	5		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.